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PTO/SB/21 (08-00)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

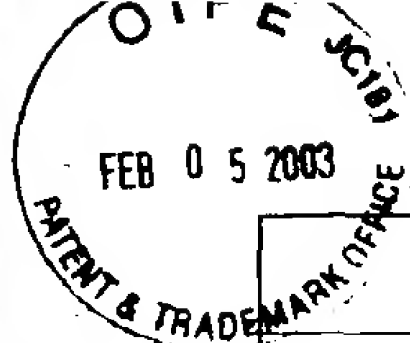
TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/812,668	
	Filing Date	March 20, 2001	
	First Named Inventor	Yasuhiro Koizumi, et al.	
	Group Art Unit	1763	
	Examiner Name	Parviz Hassanzadeh	
Total Number of Pages in This Submission	1	Attorney Docket Number	19036/37209

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below)
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application	Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm or Individual Name	MARSHALL, GERSTEIN & BORUN Scott E. Baxendale - 41,605	
Signature		
Date	January 28, 2003	

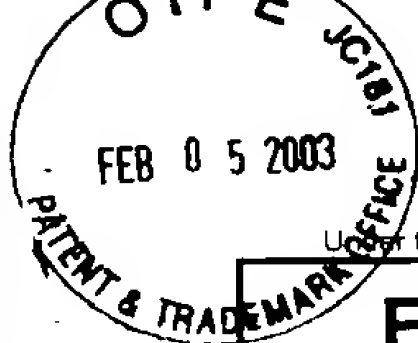
I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date shown below.

Dated: January 28, 2003

Signature: (Scott E. Baxendale)



AMENDMENT TRANSMITTAL LETTER				Docket No. 19036/37209	
Application No. 09/812,668	Filing Date March 20, 2001	Examiner Parviz Hassanzadeh	Art Unit 1763		
Applicant(s): Yasuhiro Koizumi, et al					
Invention: ION PLATING DEVICE AND ION PLATING METHOD					
TO THE COMMISSIONER FOR PATENTS					
Transmitted herewith is an amendment in the above-identified application.					
The fee has been calculated and is transmitted as shown below.					
CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	51	- 50 =	0	x 18.00	0
Independent Claims	5	- 8 =	0	x 84.00	0
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0
<input checked="" type="checkbox"/> Large Entity <input type="checkbox"/> Small Entity					
<input checked="" type="checkbox"/> No additional fee is required for this amendment.					
<input type="checkbox"/> Please charge Deposit Account No. _____ in the amount of \$ _____. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> A check in the amount of \$ _____ 0 _____ to cover the filing fee is enclosed.					
<input type="checkbox"/> Payment by credit card. Form PTO-2038 is attached.					
<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge and credit Deposit Account No. <u>13-2855</u> as described below. A duplicate copy of this sheet is enclosed.					
<input type="checkbox"/> Credit any overpayment.					
<input type="checkbox"/> Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.					
<div style="text-align: right;"><div style="display: flex; justify-content: space-between;"><div>Scott E. Baxendale Attorney Reg. No.: 41,605 MARSHALL, GERSTEIN & BORUN 233 S. Wacker Drive, Suite 6300 Sears Tower Chicago, Illinois 60606-6357 (312) 474-6650</div></div></div>				Dated: <u>January 28, 2003</u>	
<div style="border: 1px solid black; padding: 5px;"><p>I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, Washington, DC 20231, on the date shown below.</p><div style="display: flex; justify-content: space-between;"><div>Dated: January 28, 2003</div><div>Signature: (Scott E. Baxendale)</div></div></div>					



FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 0

Complete if Known

Application Number 09/812,668
Filing Date March 20, 2001
First Named Inventor Yasuhiro Koizumi, et al.
Examiner Name Parviz Hassanzadeh
Group Art Unit 1763
Attorney Docket No. 19036/37209

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ Other ☒ None

☐ Deposit Account

Deposit Account Number 13-2855

Deposit Account Name MARSHALL, GERSTEIN & BORUN

The Commissioner is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
51	-50** = 0	18.00	0.00
5	-8** = 0	84.00	0.00
Multiple Dependent			

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 000

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BY

Name (Print/Type) Scott E. Baxendale

Registration No. (Attorney/Agent) 41,605

Complete (if applicable)

Telephone (312) 423-3455

Signature

Scott E. Baxendale

Date

January 28, 2003

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Dated: January 28, 2003

Signature: *Scott E. Baxendale* (Scott E. Baxendale)

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Dated: January 28, 2003

Signature:

Scott E. Baxendale
(Scott E. Baxendale)

Docket No.: 19036/37209
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Yasuhiro Koizumi, et al

Application No.: 09/812,668

Group Art Unit: 1763

Filed: March 20, 2001

Examiner: Parviz Hassanzadeh

For: ION PLATING DEVICE AND ION PLATING
METHOD

**AMENDMENT IN RESPONSE TO OFFICE ACTION OF OCTOBER 28, 2002 AND
RESPONSE TO RESTRICTION REQUIREMENT**

Commissioner for Patents
Washington, DC 20231

Dear Sir:

In response to the Office Action dated October 28, 2002, please amend the above-identified application as follows:

In the Claims:

Please **AMEND** claims 1-4 and 8 as follows:

1. (Amended) An ion plating device comprising:

a vacuum chamber adapted to be evacuated;

a substrate holder placed in the vacuum chamber for holding a substrate; and

a power supply unit including an RF power unit connected to the substrate holder for supplying power to an inside of the vacuum chamber through the substrate holder for changing a film forming material into a plasma and for depositing the film forming material from the plasma on the substrate and a bias power supply unit connected to the substrate holder in parallel to the RF power unit for supplying a bias voltage to the inside of the